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Derwent Title: **Realization of virtual surround and stereophonic by using relative sound image location transfer function method realizing large acoustics region and low computation regardless of array of reproduction part and movement of listener**

Assignee: **HAN D G Individual**Inventor: **HAN D G;**Accession/ **2005-614082 / 200563**

Update:

IPC Code: **H04S 7/00 ;**Derwent Classes: **W04;**Manual Codes: **W04-R01C(Stereophonic)**

Derwent Abstract: ( KR5029749A) **Novelty** - A realization of virtual surround and stereophonic by using relative sound image location transfer function method realizing the large acoustics region and a low computation regardless of array of reproduction part and a movement of listener is provided to correct the effect by the relation without depending on the position of the listener.

**Detailed Description** - A realization of virtual surround and stereophonic by using relative sound image location transfer function method realizing the large acoustics region and a low computation regardless of array of reproduction part and a movement of listener includes a plurality of virtual speakers, a plurality of speakers and a listener. The realization of virtual surround and stereophonic is characterized in that the head transmission function is defined as following equations:  $OL=C+HLL$ ,  $OR=C+HRR$  wherein OL and OR are the output signals at each channel, C is the center signal, L and R are input signals, and the  $HX=HY/H_C$  is the relative sound image definition transmission function. Image 1/1

Images:



Dwg.1/1

Family: **PDF Patent Pub. Date Derwent Update Pages Language IPC Code**

**KR5029749A \* 2005-03-28 200563 English H04S 7/00**

Local appls.: KR2003000065494 Filed:2003-09-22 (2003KR-0065494)

Priority Number:

Application Number	Filed	Original Title
KR2003000065494	2003-09-22	

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$H_2/H_2$



$H_2/H_2$



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